

**MANROSE®**  
DESIGNER SERIES

# QUIET

## BATHROOM FAN KITS & FANS

**125mm**

Designed for

**NZ Bathrooms with  
Humidity Automation  
Options**

\*See requirements on next page



## BATHROOM AIR EXTRACTION

Setting the new standard in high performance

### 125mm Quiet Fan Kits and Fans

- **Efficient 125mm design**

Aerodynamic design and motor technology designed to meet the healthy homes and G4/AS1 standards for bathrooms.

- **Quiet monofilm backdraught shutter**

Integrated backdraught shutter with minimal extra noise or impact on fan performance.

- **NZ designed humidity automation**

Designed for NZ conditions, (humidity models) feature reliable rapid rise humidity sensing before boost control.

- **A wide range of options**

IPX4 for flexible wall or ceiling mounting. Fan variants including Standard, Timer, And Humidity Automated Switching.



**Humidity Control**

Type	Standard Switching	Timer Switching	Humidity Control
Through Wall Fan Kits*	FAN7187	FAN7188	FAN7189
Wall/Ceiling Mount Fans	FAN7180	FAN7181	FAN7182

\*Kits include Fan, 125mm Exterior Cowl, 375mm x 125mm diameter Semi Rigid Duct, and 5m x 48mm Duct Tape.



The 125mm diameter Quiet Fan Kits and Fans range are designed to comply with **NZBC G4/AS1 Fifth Edition** for bathrooms, when installed in a through-wall application with an exterior weatherproof cowl and a maximum of 375mm of straight semi-rigid duct.

### TECHNICAL SPECIFICATIONS

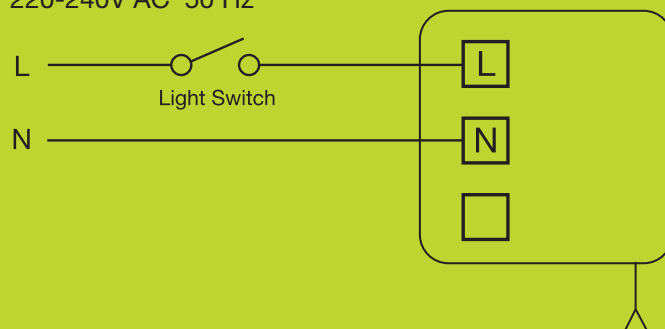
Supply	220-240V AC, 50Hz
Fan Type	Axial
Max. Fan Power	15W
Max. Fan Pressure	68 Pa
Exhaust Fan Performance	54 l/s, 194 m³/hr (free-air performance)
Specific Fan Power	0.28 W/l/s
Sound Level	38 dB(A)
Run-on Timer (Timer model only)	20 sec -30 min
Cut Out Size	173mm
IP Rating	IPX4

### HUMIDITY CONTROL

An integral humidity controller automatically switches the fan ON when it senses a significant rapid rise in humidity that may have been triggered by a shower/bath event. The fan will stop immediately if the event is not confirmed. If the event is confirmed, then either the preset top speed, or a lower speed, will be determined as the better option for clearing the humidity created by the shower/bath event and the fan will ramp up to, and run at, that speed. After sensing that the shower/bath event has ended, the fan will continue running for a period of time, as determined by the humidity controller, as needed to clear the room of any residual humidity.

### WIRING DIAGRAM

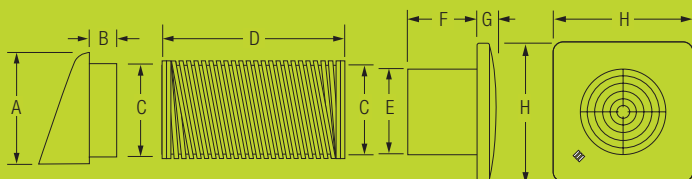
220-240V AC 50 Hz



*The single speed fan is switched via an existing or a new light switch, or auto sensor, (switch and sensor not supplied) and is controlled by an internal pull cord. If not required the pull cord can be cut off **ONCE SWITCHED TO RUN MODE.***

*The humidity control models come with an advanced in-built humidity controller (models FAN7182 & FAN7189)*

### DIMENSIONS (mm)



Model	Order Code	Cut-Out Size	A	B	C	D	E	F	G	H
Kits	FAN7187	165	206	39	125	375	120	100	29	185
	FAN7188									
	FAN7189									
Fan Only	FAN7180	-	-	-	-	-	120	100	29	185
	FAN7181									
	FAN7182									



E6337

Complies with AS/NZS Standards  
Specifications are subject to change without notice